sher	ISBN - 9780618562763		Publisher - McDougal Littell, a division of Houghton Mifflin Company						
Publisher	World of Chemistry Pupil Edition								
					S. e	S. et al.			
ed by	Copyright - 2007 Edition - 2nd				Readability - Lexile 1230				
Provided by the	Course - Chemistry G					Grade(ade(s) - 9, 10, 11, 12		
<u>"</u>	Teacher Edition ISBN if applicable					9780618807482			
	Overall Recommendation: Recommended as Basal								
	There is an online version of the student text. The text adequately meets the requiremnets for chemistry as outlined in the Program of Studies. End of chapter reviews are comprehensive. Connections to other branches of science are included in the real-world applications. Literacy helps enhance students understanding of the concepts presented in this text.								
CRITERIA This basal resource									
A. Encompasses KY Content Standards & Grade Level Expectations				evel	Strong EvidenceModerate EvidenceLittle or No Evidence				
	☐ Text is designed to be used in an elective course outside the Program of Studies								
	1) Inc	ludes the 7 Bi	g Ideas of sc	ience to the f	ollow	ing ext	tent:		
	a) Structure and T		Transformation of Matter			Strong Moderate Little N/		e 🔲 Little 🔲 N/A	
	b)	Motion and Fo	orces				Stror	ng 🔲 Moderat	e ☐ Little ☒ N/A
	c)	The Earth and	the Universe	rse			☐ Strong ☐ Moderate ☐ Little ☒ N/A		
	d)	d) Unity and Diversity			☐ Strong ☐ Moderate ☐ Little ☒ N/A				
	e) Biological Change				☐ Strong ☐ Moderate ☐ Little ☒ N/A				
	f)	Energy Transf	ormation				☐ Stror	ng 🔀 Moderat	e 🗌 Little 🔲 N/A
	g)	Interdepender	nce				☐ Stror	ng 🔲 Moderat	e ☐ Little ⊠ N/A
Addresses content-specific enduring understandings from the related Program of Studies standards.					Strong				

 Addresses content-specific skills and concepts from the related Program of Studies standards. 	☐ Strong ☑ Moderate ☐ Little ☐ N/A				
4) Content addressed is current, relevant and non- trivial	Strong				
5) Provides opportunities for critical thinking/reasoning	Strong				
 6) Strengths, Weaknesses, Comments: Specific strengths-which areas/concepts are covered expecific weaknesses-which areas/concepts would likely 					
1F - Nuclear chemistry is covered indepth. Biogeochemical cycles, electromagnetic radiation and environmental concerns are not present in the text. 3 - Chapter examples are explained in detail and easy to follow. Imbedded mini-labs are adequate in demonstrating knowledge but lack depth of concept development. Mini labs are inquiry based. Chemistry labs will need to be supplimented for this course.					
B. Functionality & Suitability	Strong Evidence Moderate Evidence Little or No Evidence				
1) Suitability	Strong				
 Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind. 					
2) Content quality	Strong				
 Free from factual errors Content is presented conceptually when possible—mor Content included accurately represents the knowledge Theories/scientific models contained represent a broad 	base of the discipline				
3) Connections to Literacy Note: may apply to either student or teacher editions					
 Employs a variety of reading levels and is grade/level a Contains pre, during, post reading activities Provides opportunities for summarizing, reviewing, and at multiple levels of difficulty for a variety of learning sty Student text provides opportunity to integrate reading a Uses vocabulary that is age and content appropriate Focuses on critical vocabulary vs. extensive lists Identifies key vocabulary through definitions in both tex 	reinforcing vocabulary skills and concepts rles.				

4) Connections to Technology	☐ Strong ☑ Moderate ☐ Little				
 Integrates technology and reflects the impact of technological advances Uses technology in the collection and/or manipulation of authentic data 					
5) Support for Diverse Learners	☐ Strong ☐ Moderate ☒ Little				
 Provides support for ESL students Provides support for differentiation of instruction in diverse classrooms Note: may apply only to teacher edition 					
 6) Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards. 					
 4 - The mini labs imbedded in the textbook do not demonstrate use of technology. This will need to be supplimented with additional labs. 5 - There is no evidence of differeniated or ESI strategies in the teacher's manual 					
C. Supports Inquiry and Skill Development	Strong Evidence Moderate Evidence Little or No Evidence				
1) Promotes Inquiry, research and Application of Learning	☐ Strong ☐ Moderate 🔀 Little				
 Provides opportunities for inquiry and research that includes activities such as self-selecting topics, formulating authentic questions, gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions. Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, etc.) Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills. Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning. Note: may apply to either teacher or student edition 					
 topics, formulating authentic questions, gathering information, reinterviewing, and evaluating information, analyzing and synthes findings and conclusions. Requires students to use higher-level cognitive skills (analysis, Provides activities and projects for students to deepen their knostrengthen problem-solving and decision-making skills. Provides opportunities for application of learned concepts. Uses a variety of relevant charts, graphs, diagrams, time lines, motivate students to engage in discussion, problem solving, and Emphasizes conceptual understandings that invite students to provide and extend ideas to support reasoning. 	esearching resources, observing, izing data and communicating synthesis, evaluation, etc.) wledge and cultivate and and other illustrations to invite and dother high-order thinking skills.				
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3) Strengths, Weaknesses, Comments:				
1 - Inquiry, research and application will need to be submitted by additional labs.				
D. Supports Best Practices of Teaching and Learning	Strong Evidence Moderate Evidence Little or No Evidence			
1) Engages Students	☐ Strong ☑ Moderate ☐ Little			
 Includes content geared to the needs, interests, and abilities of students Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering. Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels Activities are truly congruent to the concepts addressed, not merely correlated <i>Note: may apply to either teacher or student edition</i> 				
2) Uses Assessment to Inform Instruction	☐ Strong ☑ Moderate ☐ Little			
 Includes multiple means of assessment as an integral part of instruction Provides evaluation measures in the teacher edition that supports differentiated learning activities Embedded assessments reflect a variety of Depth of Knowledge levels Note: may apply to either teacher or student edition 				
 Strengths, Weaknesses, Comments: Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards 				
2 - Variety of assessment tools is evident through section reviews, end of the chapter reviews and standardized practice tests. DOK levels do not reach maximum ceiling levels.				
E. Has an Organization/ Format that Supports Learning and Teaching	Strong Evidence Moderate Evidence Little or No Evidence			
1) Organizational Quality	Strong			

- Print and/or electronic materials present minimal barriers to learners
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.

- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size

Included media are durable, easy to use and have technical merit

• Construction appears to be durable and able to withstand normal use

2)	Es	sential Components (beyond student and teacher text)	Strong Moderate Little
	•	Items identified as essential components support the learning goals basal	s and concept coverage of the
3)	Stı	rengths, Weaknesses, Comments:	

 Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Review and end of chapter assessments are adequate and address all levels of diffuculty. The text lacks opportunities for answering open response questions and writing in science.

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- · Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving

2) Strengths, Weaknesses, Comments:

• Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Laboratory, CD version, and on-line resources are available.